

ABSTRACT

A planetary gear PR and a clutch C3 for outputting reduced rotation are configured on one side of a planetary gear unit PU in the axial direction (right side of the diagram), and a clutch C1 for connecting and disconnecting the rotation of an input shaft 2 input to a sun gear S2 and a clutch C2 for connecting and disconnecting the rotation of the input shaft 2 input to a carrier CR2 are configured on the other side (left side of the diagram) of the planetary gear unit PU in the axial direction, and an output member is configured between said planetary gear unit and reducing planetary gear and engaging means. By doing so, as compared to the case wherein the clutch C1 or clutch C2 is configured between the planetary gear PR and the planetary gear unit PU, the planetary gear PR and the planetary gear unit PU can be configured close together, and a transmitting member 30 that transmits the reduced rotation becomes shorter. Further, compared to the case wherein, for example, the clutches C1, C2, C3 are configured together on one side of the axial direction, the construction of an oil line is simplified.